

ORCiD Integration into Active Directory

Shared by Mike Frame:

From: **Exter, Paul** <peexter@usgs.gov>
Date: Mon, Dec 5, 2016 at 1:54 PM
Subject: ORCiD Integration into Active Directory

Information Technology Specialists,

The USGS produces thousands of Science Publications and Data sets each year, and to support these publications and data the Open Resource and Contribution ID (ORCiD) has been established as the USGS scientific publishing researcher identifier. An ORCiD provides a persistent identity for each member of our USGS Science Community. They uniquely and unambiguously link a specific author to their published work, regardless of the format of the personal name (e.g., Smith, John; Smith, John A., Smith, J.A.), or changes in the author's name or organizational affiliation over time. An individual author's complete publication history can therefore be tied to and retrieved using his or her ORCiD. ORCiD partners with publishers such as American Geophysical Union (AGU), Nature Publishing Group, The Royal Society, Public Library of Science (PLOS), IEEE and Science. The latter often require authors to have an ORCiD before they can publish an article with them.

The USGS Office of Enterprise (OEI) along with the USGS Core Science Systems have partnered to integrate the ORCiD publishing identifier into USGS enterprise Active Directory Services to support the [USGS Science Publications and Data requirements](#). **The ORCiD has been set up to continuously synchronize into Active Directory based on USGS e-mail addresses that are registered within ORCID.** The ORCiD will be added as an Active Directory attribute that can viewed through the [USGS User Account Information application](#) once in place. Use of ORCiD provides support to USGS by allowing for easier integration of these IDs into multiple systems that provide analytics, reporting, data release, and comprehensively cover all the journals where USGS authors publish. Once in place the ORCID can be integrated by developers and programmers into existing USGS applications such as IPDS, BASIS+, ScienceBase, USGS Publications Warehouse, etc..utilizing [Active Directory Integration Guidance](#).

The integration of unambiguous identifiers for USGS personnel in our enterprise directory system will directly address several needs in the Bureau: **connecting resources from disparate systems back to the individuals with which they are associated, linking people to the products their research has generated via formal citations and metadata, and by helping to resolve the challenge of contact matching across separate systems and resources.** Integrating a way to store and serve these unique contact identifiers at an enterprise level solves an immediate need to improve the Bureau's ability to comprehensively cite research efforts and improve integration across separate platforms. This ORCiD implementation is pending completion of a ORCiD API procurement by the Core Science System office and is expected to be in place by the end of December 2016.

For more information please contact: Mike Frame (mike_frame@usgs.gov) - Core Science Systems, Sam Martinez (scmartinez@usgs.gov) - Enterprise Information, Clara Brown (clarabrown@usgs.gov)/Jim Kreft (jkreft@usgs.gov) - PubsWarehouse.

References:

[Leaders Blog post on ORCiD](#)
[Science Data Policies](#)

Thank You,

Paul E. Exter

Chief Technology Officer, U. S. Geological Survey

Work: 443 498 5534 Cell: 410 375 0120